

Amendments To Title/Specification

Title of the invention:

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Replace the title of the invention with the following:

**SYSTEM AND METHOD FOR PADDING DATA BLOCKS AND/OR REMOVING
PADDING FROM DATA BLOCKS IN STORAGE CONTROLLERS**

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Replace paragraph [0038], [0046] and [0047] of the Specification with the following:

[0038] Figure 1B shows a block diagram of BC 108 with Channel 1 108A and Channel 0 108D. BC 108 also includes registers 108E and an Arbiter 108C. Arbiter 108C arbitrates
15 channel 0 108D and channel 1 108A access to controller 108B. Register 108E is used for to store status information (shown as 108F) and assists in generating interrupts (shown as 108I).

[0046] Figures 3 and 4 show block diagrams of how data is padded and padding is re-
moved, according to one aspect of the present invention. Figure 3 shows incoming data 300
20 is received by FIFO 200. This data is received from SCSI interface 105 and may be MODN aligned, which may be different than how data is stored in buffer 111. Data 300 leaving FIFO 200 is padded (for example MODN data is padded to MOD4 (shown as 301)) so that it can be stored in buffer 111.

25 [0047] For buffer 111 read operations, as shown in Figure 4, MOD4 data 401 enters FIFO 200 and then the pad is removed (shown as 402) so that data can be read.